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FACSIMILE COVER SHEET

DATE January 12, 2005

PLEASE DELIVER TO Darren W. Ark, Examiner
Art Unit 3643

FROM Allen F. Bennett

SENT BY Lynn Canby

NUMBER DIALED (703) 872-9306

REGARDING: Applicant No. 10/620,522
Docket No. sta515-00/99336A

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1. (Amended) An environmentally friendly insect eradication method, the method comprising the steps of:

providing a canister, said canister having a pressurized, non-flammable, non-biocidal, non-ozone depleting fluorocarbon propellant ~~and not having disposed therein,~~ the so disposed propellant causing the canister to have a pre-voided internal pressure within the approximate range of from about 75 psig to about 150 psig, wherein said pressure is sufficient to introduce essentially all of said propellant into the internal portion of a bore in a tree ~~or other invaded structure~~ via an entrance or exiting insect bore such that the air pressure in the internal portion of the tree or other invaded structure substantially increases; and

inserting a gas introduction nozzle provided with said canister into ~~the a tree or other invaded structure via an entrance or exiting insect bore~~ in a tree;

~~in such a manner to operatively displace~~ displacing a valve mechanism connecting the nozzle and the canister;

~~to cause causing~~ said propellant to enter the internal portion of a tree or other invaded structure bore such that the air pressure within the internal portion of the tree or other invaded structure bore substantially increases; ~~and thereby~~

~~crushes or otherwise displaces~~ crushing and displacing an invasive insect accommodated therein by the force of the substantially increased air pressure.

1. 2. (Canceled)

3. (Canceled)

1 4. (Canceled)

5. (Canceled)

1 6. (Canceled)

1 7. (Canceled)

1 8. (Canceled)

1 9. (Canceled)

10. (Canceled)

1 11. (Canceled)

1 12. (Canceled)

1 13. (Canceled)

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3 14. (New) An environmentally friendly insect eradication method and apparatus, said
4 method comprising:

5 providing a canister, said canister having a pressurized gas propellant disposed

6 therein, wherein said pressure is sufficient to introduce essentially all of said gas into the

7 internal portion of an insect bore in a tree or other invaded structure via an entrance to the

1 insect bore;
2 such that the air pressure in the internal portion of the insect bore substantially
3 increases above ambient air pressure such that the air pressure within the internal portion
4 of the insect bore;
5 inserting a gas introduction nozzle provided with said canister into the bore in a tree;
6 operatively displacing a valve mechanism connecting the nozzle and the canister;
7 causing said propellant to enter the bore such that the air pressure within the bore
8 substantially increases; and thereby
9 ~~substantially increases and thereby crushes or otherwise displaces~~ crushing and displacing
10 an invasive insect restively accommodated therein by the force of the substantially
11 increased air pressure within the internal portion of the insect bore;
12 wherein the gas propellant has no biocidal properties.

1 15. The method of claim 14 wherein the gas propellant within the canister has a pre-use
2 internal pressure within the approximate range of from about 75 psig to about 150 psig,

1 16. (Canceled) The method of claim 14 wherein the gas propellant is air comprised of 78%
2 nitrogen and 21% oxygen and the remainder traces of water vapor, carbon dioxide,
3 argon, and various other components.

1 17. The method of claim 14 wherein said gas propellant is a nonflammable, non-ozone
2 depleting gas.

1 18. (Canceled) The method of claim 14 wherein said gas is an inert, nonflammable, non-
2 ozone depleting gas.

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